PUBLIC HEALTH ACT 1875.

ANNUAL REPORT

ON

THE HEALTH

OF THE

WHITWORTH URBAN DISTRICT

DURING 1906.

—BY—

ALEXANDER WELSH, M.D., WHITWORTH.

MEDICAL OFFICER OF HEALTH.

Whitworth:

H. O. HOWARD, PRINTER AND STATIONER, MARKET STREET.

THE HEALTH COMMITTEE

Consists of the following Members:

CHAIRMAN—J. BUTTERWORTH.

MESSRS. W. CARRADICE,

JAMES W. HILL,

J. B. ROBINSON,

H. K. TAYLOR,

JAMES WILKINSON.

WHITWORTH URBAN DISTRICT

Medical Officer's Annual Report for the year 1906.

To the Chairman and Councillors of the Whitworth Urban District.

GENTLEMEN :

I have the honour to submit to your consideration the Annual Health Report of the Whitworth Urban District, for the year 1906.

By Section 14 of the duties of the Medical Officer of Health, as defined by the general order of the Local Government Board, it is stated that the annual report of such officer shall comprise :

1st. A summary of action taken during the year for preventing the spread of disease.

2nd. An account of the sanitary state of the district generally, at the end of the year.

3rd. An account of the enquiries made by such officer, as to conditions injurious to health existing in the district, and of the proceedings relating to such conditions, in which he has taken part, or advised, under the Public Health Act, 1875.

4th. An account of the supervision exercised by him, or, on his advice, over places and houses which the sanitary authority have power to regulate, together with the action, if any, taken in regard to offensive trades, to factories, and to workshops.

5th. Tabulated statement of the sickness and mortality within the district, classified according to diseases, ages, and localities.

In addition to the above, Section 132 of the Factory and Workshops Act requires that.

"The Medical Officer of Health of every District Council shall, in his annual report to them, report specifically on the administration of this Act in workshops and workplaces, and he shall send a copy of his annual report, or so much of it as deals with this subject, to the Secretary of State."

The area of the Whitworth Urban District is 6,300 acres, and the estimated population 9,666.

BIRTHS.

The Births registered during the year numbered 176; Males 102, Females 74; a decrease on the previous year, of 25, and equal to an annual birth rate of 18·2 per 1000. The birth rate for the preceding ten years being as under,

1896.....21·5	1901.....20·8
1897.....22·7	1902.....22·5
1898.....24·2	1903.....22·5
1899.....22·8	1904.....20·8
1900.....24·9	1905.....20·7

1906.....18·2

The following table gives the births in the respective Wards for the undermentioned years :—

Year.	Healey.	Whitworth.	Facit.	Shawforth
1901	23	75	59	43
1902	32	87	52	47
1903	42	70	56	50
1904	30	84	45	41
1905	34	72	55	40
1906	30	61	46	39

The natural increase of the population by excess of Births over Deaths is 26. The increase last year was 68.

DEATHS.

The Deaths registered during the year numbered 148; Males 91, Females 57; giving an annual death rate of 15·3 per 1000.

The rate for preceding years being as under :—

1896.....18 0	1901.....17·2
1897.....16·7	1902.....15·2
1898.....16·9	1903.....14·3
1899.....17·4	1904.....19·3
1900.....19·6	1905.....14·4

1906.....15·3

The following table gives the deaths in the respective Wards :—

Year.	Healey.	Whitworth.	Facit.	Shawforth.	Total
1901	26	59	33	47 —	165
1902	19	69	30	29 —	147
1903	20	53	36	30 —	139
1904	26	70	47	43 —	186
1905	19	52	41	27 —	139
1906	19	60	34	35 —	148

Mortality from all causes at the subjoined ages:

Deaths under 1 year	23	34	
,, at 1 and under 5 years	11		
,, 5 ,, 15 ,,	5	114	
,, 15 ,, 25 ,,	3		
,, 25 ,, 65 ,,	66		
,, 65 and upwards	40		
	148	148	

Two deaths have been returned of residents, as having occurred outside the district in a "Public Institution," and subsequent to operations.

INFANTILE MORTALITY.

The number of deaths of infants under one year was 23; an increase of 6 on the preceding year, and giving an infantile mortality of 130·6 per 1000 births. The increase for the year is due to the large number of deaths during the month of December. By deducting the December deaths and taking an average, we come very near to the satisfactory death rate of the previous year, viz. 84·5 per 1000 births.

The following table gives the mortalities for the undermentioned years per 1000 births:—

1901.....150·0	1904.....160·0
1902.....100·9	1905..... 84·5
1903.....142·2	1906.....130·6

Causes of infantile mortality under one year.

Measles 1; Diphtheria 1; Enteritis 2; Premature birth 3; Congenital defects 3; Marasmus or Wasting 6; Tubercular Meningitis 1; Syphilis 1; Convulsions 1; Bronchitis 2; Pneumonia 1; other causes 1;—Total 23.

The following table gives the number of deaths registered under one year for the preceding ten years :—

1896.....39	1901.....30
1897.....48	1902.....22
1898.....30	1903.....31
1899.....30	1904.....32
1900.....44	1905.....17

1906.....23

MORTALITY FROM ALL CAUSES.

DISEASES.	1902	1903	1904	1905	1906
Small-pox	0	0	0	0	0
Measles	1	0	9	0	1
Scarlet Fever...	0	1	2	0	0
Whooping Cough	0	1	9	0	0
Diphtheria and Membranous Croup	0	0	2	5	5
Fever — Typhus	0	0	0	0	0
Fever — Enteric	1	1	3	1	1
Fever — Other continued.	0	0	0	0	0
Epidemic Influenza ...	1	0	0	1	0
Cholera	0	0	0	0	0
Plague	0	0	0	0	0
Diarrhœa	2	0	0	1	0
Enteritis...	0	0	0	0	3
Puerperal Fever	0	0	0	0	1
Erysipelas	0	0	0	0	0
Other Septic Diseases ...	1	0	0	0	0
Phthisis	14	12	18	9	9
Other Tubercular diseases	5	4	7	1	2
Cancer malignant disease	3	13	1	4	7
Bronchitis (22) Pneumonia (18) Pleurisy (1)	29	24	45	26	41
Other Diseases of Respiratory Organs... ...	0	0	0	2	0
Alcoholism, Cirrhoses of the Liver	0	1	0	0	0
Venereal diseases	0	0	0	0	1
Premature Birth	0	0	1	3	3
Diseases and Accidents of Parturition	0	1	1	2	0
Heart disease...	18	6	9	14	10
Accidents	5	4	5	4	0
Suicides	0	2	2	0	1
Coroner's Enquiries ...	0	0	4	3	6
Coroner's Inquests ...	0	2	3	3	9
All other causes	67	67	65	60	50
Total... ...	147	139	186	139	150

ZYMOTIC DISEASES.

The Zymotic death rate for the year is again satisfactory, viz. ·51 per 1000.

A great deal has been written with regard to the high death rate of infants. Climatic conditions, insanitary surroundings, occupation of mothers, heredity, and errors in the artificial feeding of infants have all had their advocates. I think, however, I am justified in endorsing the opinion expressed in last year's report that the presence or absence of the two reputedly fatal diseases of early infancy, viz. Measles and Whooping Cough, influences very materially the infantile and Zymotic death rates.

The following table gives the number of deaths for the years.

	1904	1905	1906
Small-pox	0	0	0
Measles	9	0	1
Scarlatina	2	0	0
Whooping Cough ...	9	0	0
Diphtheria and Membranous Croup ...	2	5	5
Diarrhœa	0	1	0
Enteric	3	1	1
	25	7	7

The following table gives the zymotic death rate for the preceding ten years.

1896.....2·2	1901.....0·31
1897.....1·58	1902.....0·41
1898.....1·1	1903.....0·31
1899.....0·5	1904.....2·6
1900.....1·8	1905.....0·72

1906.....0·51

SMALL-POX.

Nil.

MEASLES.

One death was registered in March at Shawforth. Considering the fact that Measles was prevalent at Bacup, we have been fortunate in escaping what might otherwise have been a potent factor in adding to the average infantile death rate.

SCARLATINA.

32 cases have been reported during the year; an increase of 17 on the previous year.

The disease was of a mild form, and at no period of the year did it assume an epidemic character. The scattered nature of the disease excluded the assumption that it was due to pollution by milk or water, no death was registered.

The following table gives the number of cases returned in the respected Wards.

Healey	3	Whitworth ...	10
Facit...	9	Shawforth ...	10

WHOOPING COUGH.

Nil.

DIPHTHERIA AND MEMBRANOUS CROUP.

5 deaths from Diphtheria and Membranous Croup have been registered during the year ; 7 cases were notified.

The disease was again sporadic or scattered in its distribution and in no instance could we trace the outbreak in each family to one common source. In connection with this disease it might be desirable to call attention to the danger of making pets of lower animals, especially cats. Many well authenticated cases of the disease being conveyed in this way are recorded.

ENTERIC FEVER.

Six cases of Enteric Fever have been notified, and one death registered. 2 cases in Whitworth Ward, 2 in Facit Ward, and 2 in Shawforth Ward.

Five cases, and one death were reported the previous year.

It is exceedingly difficult to account for these sporadic cases in the absence of any evidence which would point to Milk or Water pollution as the common source of infection. After careful enquiries into the history of each case nothing could be ascertained to fix the source of infection definitely.

ERYSIPELAS.

Nine cases of Erysipelas were reported, and no death registered.

Healey	3	Whitworth ...	3
Facit...	2	Shawforth ...	1

The only public advantage to be gained by the notification of Erysipelas is probably inspection, otherwise the cost is not justified by the results obtained.

PUERPERAL FEVER.

One death from Puerperal Fever was registered in December in Shawforth Ward.

The patient was confined on the 15th of November.

On the 26th of November, we received notification of a case of Scarlatina of one of the children, aged 5 years.

The mother sickened about this time, and died on the 5th of December.

PHTHISIS.

Nine deaths were registered from Phthisis, the same number as the preceding year, giving a death rate of ·93 per 1000.

The following table gives the number of deaths in each Ward for the undermentioned years.

	1901	1902	1903	1904	1905	1906
Healey ...	3	3	1	2	2	1
Whitworth	7	5	5	9	2	3
Facit ...	4	3	3	6	5	4
Shawforth	3	3	3	1	0	1
	17	14	12	18	9	9

Yearly number of cases for the preceding ten years:

1896..... 7	1901.....17
1897.....10	1902.....14
1898.....19	1903.....12
1899.....13	1904.....18
1900.....13	1905..... 9

1906..... 9

With regard to the question of compulsory notification of Phthisis I would just like to say that at the present

time, medical men are divided in their opinion as to utility of compulsory notification. To make it notifiable like some other infectious diseases, patients would undoubtedly delay visiting the doctor from a fear that such a visit would be followed by loss of employment. Much is being done at present towards the prevention of the disease, by instructing the people in the elementary principles of hygiene.

BRONCHITIS AND PNEUMONIA.

During the year 41 deaths have been reported ; an increase of 15 on the previous year.

The increase is due to the long continued and severe winter.

The following table shows the number of deaths in the Wards for the undermentioned years.

	1901	1902	1903	1904	1905	1906
Healey ...	... 6	— 2	— 2	— 5	— 2	— 4
Whitworth	...14	—13	—14	—19	—11	—21
Facit ...	... 7	— 4	— 5	— 9	— 7	—10
Shawforth	...11	—10	— 3	—12	— 6	— 6
	38	29	24	45	26	41

And the following table gives the deaths for the previous ten years.

1896.....37	1901.....38
1897.....45	1902.....29
1898.....25	1903.....24
1899.....54	1904.....45
1900.....48	1905.....26

1906.....41

HEART DISEASE.

Ten deaths have been registered from Heart Disease; a decrease of 4 on last year.

The following table shows the number in each Ward for the years.

	1901	1902	1903	1904	1905	1906
Healey ...	4	3	5	4	1	0
Whitworth	4	8	0	2	7	4
Facit ...	4	5	1	1	3	5
Shawforth	1	2	0	2	3	1
	13	18	6	9	14	10

The following table gives the number of deaths for the preceding ten years.

1896..... 7	1901.....13
1897.....13	1902.....18
1898.....14	1903..... 6
1899.....13	1904..... 9
1900.....11	1905.....14

1906.....10

SEWERAGE AND DRAINAGE.

Favourable reports have been received from the County Authorities with regard to the condition of the effluents.

EXCREMENT DISPOSAL

Is satisfactory and the pail system continued. Water carriage however is adopted where it is considered practicable either for alterations, or new property.

WATER SUPPLY.

Corporation water is generally supplied and used in most houses, and may be considered more satisfactory than an intermittent supply from private sources.

HOSPITAL ACCOMMODATION.

Not been used during the year. We have accommodation for 12 beds, and the buildings are under careful supervision.

SLAUGHTER HOUSES

Are regularly inspected by your sanitary inspector, and may be considered satisfactory.

BAKE-HOUSES

Are also satisfactory.

COW-SHEDS AND DAIRIES

Have received special attention from your officers.

There is marked improvement in the condition of the farms generally, owing to their regular inspection.

Continued attention is given to all necessary structural alterations.

FACTORY AND WORKSHOPS ACT.

Section 132 of the above Act requires that all workshops shall be under the control of the Sanitary Authority, that the Medical Officer of Health shall report on the administration of the Act, and forward the same to the Secretary of State.

SPECIAL REPORTS.

It has not been necessary to forward any "special report" to the Authorities this year.

LODGING HOUSES.

We have no registered lodging houses at present. Cases however of overcrowding are not infrequent, and I would strongly recommend to your immediate attention the question of more commodious bed-room accommodation.

SUMMARY.

Considering the severe climatic conditions, we may look upon the past year as favourable. The general and infantile death rates are not high. The infantile death rate especially would again touch a favourable figure but for the great increase in the number of deaths in December. I desire to call the attention of the Council to the unsatisfactory state of the law relating to the registration of "still births."

I desire again to thank the members and officers of the Council for their courtesy and assistance during the year.

I am, Gentlemen,

Your obedient servant,

ALEXANDER WELSH, M.D.,

Medical Officer of Health.

Vital Statistics

OF THE DISTRICT.

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1906 AND PREVIOUS YEARS

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District	
				Under 1 Year of age		At all Ages						
		Number	Rate	Number	Rate per 1000 Births Registered	Number	Rate				Number	Rate
1896	10100	218	21·5	39	178·8	182	18·0	...	...	...	...	...
1897	10100	230	22·7	48	208·6	179	16·7	...	...	...	...	...
1898	10100	245	24·2	30	122·4	171	16·7	...	...	...	...	...
1899	10150	232	22·8	30	129·3	177	17·4	...	...	...	...	...
1900	10150	253	24·9	44	173·9	200	19·6	...	...	...	...	...
1901	9578	200	20·1	30	150·0	165	17·2	...	...	...	...	...
1902	9649	218	22·5	22	100·9	147	15·2	...	...	...	...	...
1903	9688	218	22·5	21	142·2	139	14·3	...	...	...	...	...
1904	9600	200	20·8	32	160·0	186	19·3	...	...	...	...	...
1905	9640	201	20·7	17	84·5	139	14·4	...	...	..	...	...
Averages for years 1906-1905	9875.5	221·5	22·27	32·3	145·1	168·5	16·9	...	...	...	...	...
1906	9666	176	18·2	23	130·7	150	15·3	...	...	...	...	...

TABLE II.—VITAL STATISTICS OF SEPARATE LOCALITIES IN 1906 AND PREVIOUS YEARS.

Names of Localities.	HEALEY				WHITWORH				FACIT.				SHAWFORTH			
YEAR.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1896.....																
1897.....																
1898.....																
1899.....																
1900.....																
1901.....	1690	23	26	2	3432	75	59	13	2705	59	33	4	1751	43	47	11
1902.....	1703	32	19	2	3450	87	69	10	2727	52	30	7	1769	47	29	3
1903.....	1714	42	20	3	3458	70	53	13	2737	56	36	10	1779	50	30	5
1904.....	1718	30	26	4	3472	84	70	12	2737	45	47	5	1779	41	43	11
1905.....	1733	34	19	2	3492	72	52	6	2748	55	41	4	1792	40	27	5
Averages of Years 1896 to 1905.																
1906.....	1744	30	19	3	3493	61	60	11	2760	46	34	5	1796	39	35	4

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING YEAR 1906

Notifiable Disease.	At all Ages	Total cases notified in each locality.			
		Healey	Whitworth	Facit	Shawforth
Small-pox	...	...	...	...	...
Cholera	...	...	...	...	...
Diphtheria	5	...	3	1	1
Membranaus Croup	2	...	1	...	1
Erysipelas	9	3	3	2	1
Scarlet Fever	32	3	10	9	10
Typhus Fever	...	...	...	...	...
Enteric Fever	6	...	2	2	2
Relapsing Fever	...	...	...	...	...
Continued Fever	...	...	...	...	...
Puerperal Fever	...	...	...	...	...
Plague	...	...	...	...	...
Totols	54	6	19	14	15

TABLE IV.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1906.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District							Deaths in or belonging to Localities (at all ages)			
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Healey	Whitw'rth	Facit	Shawforth
Small-pox	...	...	...	...	...	...	...	...	...	...	...
Measles	1	1	...	...	...	...	...	...	...	...	1
Scarlet Fever	...	...	...	..	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup	3	1	1	1	...	...	...	...	2	...	1
Croup	2	...	2	...	...	...	...	...	1	...	1
Fever (Typhus)	...	...	...	...	...	...	...	...	...	...	...
Fever (Enteric)	1	...	...	...	...	1	...	...	1	...	...
Fever (Other continued)	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	...	...	...	...	...
Enteritis	3	1	2	...	...	...	...	1	1	...	1
Puerperal Fever	1	...	...	...	...	1	...	...	...	1	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis)	9	...	...	...	1	8	...	1	3	3	2
Other tubercular diseases	2	1	...	...	...	1	...	...	...	1	1
Cancer, Malignant Disease	7	...	...	...	...	6	1	2	2	...	3
Bronchitis	22	2	1	2	...	7	10	1	10	7	4
Pneumonia	18	1	4	...	...	11	2	3	11	2	2
Pleurisy	1	...	...	...	...	1	...	...	...	1	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...
Alcoholism	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver								...	...	...	...
Venereal Diseases	1	1	...	...	...	...	...	...	1	...	...
Premature birth	3	3	...	...	...	...	...	...	1	...	2
Diseases and accidents of parturition	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	10	2	...	...	1	4	3	...	4	5	1
Accidents	...	...	...	...	...	...	...	...	...	...	...
Suicides	1	...	...	...	...	1	...	...	1	...	...
Inquests	9	...	...	1	...	7	1	1	3	3	2
Coroner's Inquiry	6	...	1	...	...	3	2	1	...	1	4
All other causes	50	10	...	1	1	17	21	10	19	10	11
All causes	150	23	11	5	3	68	40	20	60	34	36

TABLE V.—INFANTILE MORTALITY

Deaths from Stated Causes in Weeks

CAUSES OF DEATH.		Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month
All Causes.	Certified	3	2	5	...	10
	Uncertified	...	...	...	...	...
Common Infectious Diseases.	Small-pox	...	...	...	...	...
	Chicken-pox	...	...	...	...	...
	Measles	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...
	Diphtheria: Croup ...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...
Diarrhœal Diseases.	Diarrhœa, all forms ...	...	...	...	...	...
	Enteritis (*not Tuberculous*)	...	...	1	...	1
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...
Wasting Diseases.	Premature Birth	1	1	...	...	2
	Congenital Defects ...	1	...	2	...	3
	Injury at Birth	...	...	...	...	...
	Want of Breast-milk ...	...	...	...	...	...
	Atrophy, Debility Marasmus	...	1	2	...	3
Tuberculous Diseases.	Tuberculous Meningitis...	..	...	...	...	...
	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...
	Erysipelas	...	...	...	...	...
	Syphilis	...	...	...	...	...
	Rickets	...	...	...	...	...
	Meningitis *not Tuberculous*	...	...	...	...	...
	Convulsions	...	...	...	...	...
	Bronchitis	...	...	...	...	...
	Laryngitis	...	...	...	...	...
	Pneumonia...	...	...	...	...	...
	Suffocation, overlaying ...	...	...	...	...	...
	Other Causes	1	...	...	...	1
		3	2	5	...	10

Births in the year, { legitimate, 176. / illegitimate, —

DURING THE YEAR 1906.

AND MONTHS UNDER ONE YEAR OF AGE.

1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year.
1	2	2	4	...	...	1	1	...	1	1	23
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	2	...	1	...	...	...	...	...	...	...	6
...	...	...	1	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	..	...	...	...	...
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1	2	2	4	...	...	1	1	...	1	1	23

Estimated Population to middle of 1906, 9,666.

Deaths from all causes at all Ages, 150.

Sanitary Inspector's Report,

Year ending December 31st, 1906.

To the Chairman and Members of the Whitworth Urban District Council.

Gentlemen,

I beg to submit to you my Fourth Annual Report for the twelve months ending 31st of December, 1906.

The following schedule gives in brief the details of the cases attended to by me during the year :—

House drains cleansed and repaired	19
Drains flushed	2
House drains trapped	6
New drains laid (not to sewer)...	3
Gully traps cleaned out	8
Closets repaired...	17
Dirty closets cleaned, &c.	11
New closets erected (fresh water)	22
New closets erected (Pail system)	1
Defective waste water closets	11
Ash-pits repaired	4
New ash-pits erected	8
Cases of overcrowding remedied	3
Offensive accumulations removed	12

Slop-stone pipes disconnected from drains	12
Defective slop-stone pipes	5
Filthy premises...	1
Defective yards and passages	7
Smoke nuisance...	1
Urinals re-constructed	2
Defective rain water pipes and troughs	13
Miscellaneous	7
Nuisance from pig keeping, &c. remedied	3
New baths fixed &c.	1
New lavatories fixed, &c.	3
Pail closets abolished	17
Ash-pits abolished	2
Drains reconstructed	2
Urinals cleansed	1
Stone drains abolished	5
Shippons lighted, ventilated, &c.	1
Tripe dressing and cleansing premises inspected ...	2
Stable floors relaid, channelled, &c.	1
Slaughter-houses visited and inspected	9
Houses disinfected	35
Preliminary notices for abatement of nuisances ...	94
Complaints received	46

752 loads of nightsoil have been deposited at the Outfall works.

Infectious Diseases.	1903	1904	1905	1906
Scarlatina	59	17	15	32
Enteric Fever ...	10	12	5	6
Puerperal Fever ...	0	0	1	0
Diphtheria	0	4	12	5
Membraneous Croup	0	0	2	2
Erysipelas	18	11	10	9
Variola (Small-pox)	14	1	0	0
	101	45	45	54

The following cases of Scarlatina have occurred in children attending the undermentioned schools :—

	1903	1904	1905	1906
Shawforth Wesleyan	8	0	1	8
Facit St. John's ...	3	1	4	4
Lloyd Street	8	2	1	2
Hallfold	8	1	1	5
Healey	1	0	3	0
Facit Wesleyan ...	5	1	0	0
Shawforth S. Mich'l's	0	0	0	1
Under school age ...	26	12	5	12
	59	17	15	32

FACTORY AND WORKSHOP ACT, 1901.

The Workshops within the District have been visited and inspected under the above Act, and on the whole have been found to be kept in a clean condition. In one instance the walls and ceiling required lime-washing. The occupier willingly complied with the Act, when the matter was pointed out to him.

The following are a list of Workshops within the District coming under the Act :—

Dressmakers	8
Milliners...	4
Dressmakers and Milliners	2
Stocking Knitting	1
Boot, Shoe, and Clog Makers	2
Boot and Shoe Makers...	3
Clog Makers	10
Bakers and Confectioners	6
Oat Cake Bakers	2
Saddle and Harness Makers	1
Cabinet Makers...	1
Tailors	1
Tailoring and Dressmaking	1
Other Trades	8
Total...	50

One new bake-house has been erected.

One notice from H. M. Inspector of Factories has been received, and was complied with.

There are two Tripe-dressing establishments within the District. (one is at present vacant) These have been visited at intervals and found to be kept in a clean condition.

There are 9 Slaughter-houses within the District (two are at present vacant). These have been regularly inspected and found to be kept in a clean condition.

The Cow-sheds have been systematically inspected and are kept in a cleanly condition. The milking stock are not kept as clean as they might be, about their udders and hindquarters which are often covered with cow dung. The milk cannot be kept clean under such conditions, and very often a dark sediment is found at the bottom of the jug or vessel in which the milk has been kept.

I am fully aware that farmers have a great difficulty to contend with in a district like this, where they have no straw to lie on. But their cattle ought always to be cleaned before milking is carried out, especially when they have been laid down in their own dung.

The removal of ashes and excreta is very satisfactory.

During the year the Hospital has been fitted up with Towns water and gas, which will be found very beneficial when occupied. It is in thorough order and kept in a cleanly condition.

I am pleased to report that during the year, no cases of Small-pox have occurred in your district.

During the year a considerable number of house drains have been connected to the Council's Sewer.

I am, Gentlemen,

Your obedient servant,

JNO. J. CORDINGLEY, A.R.S.I., R.P.C.,

Sanitary Inspector.